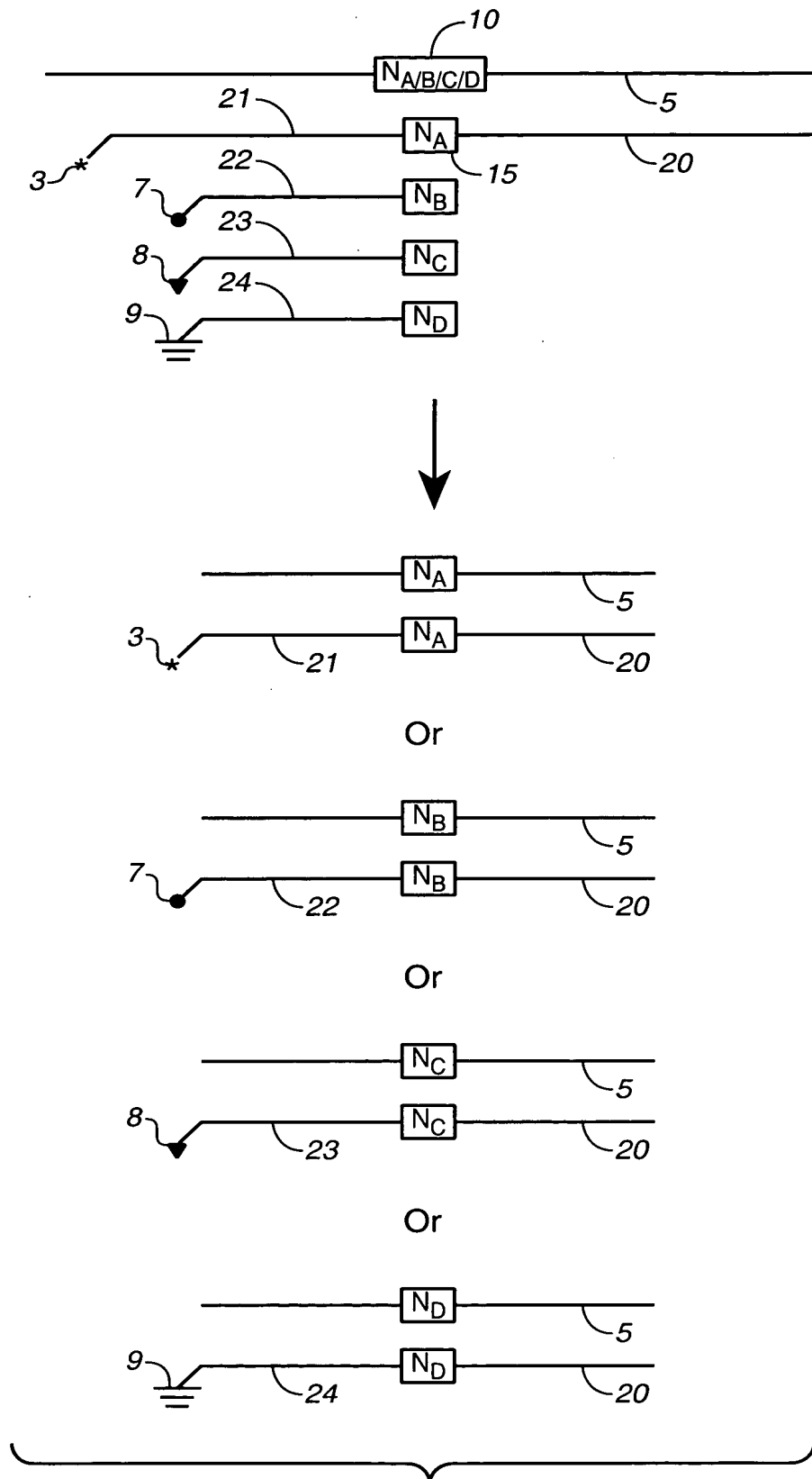
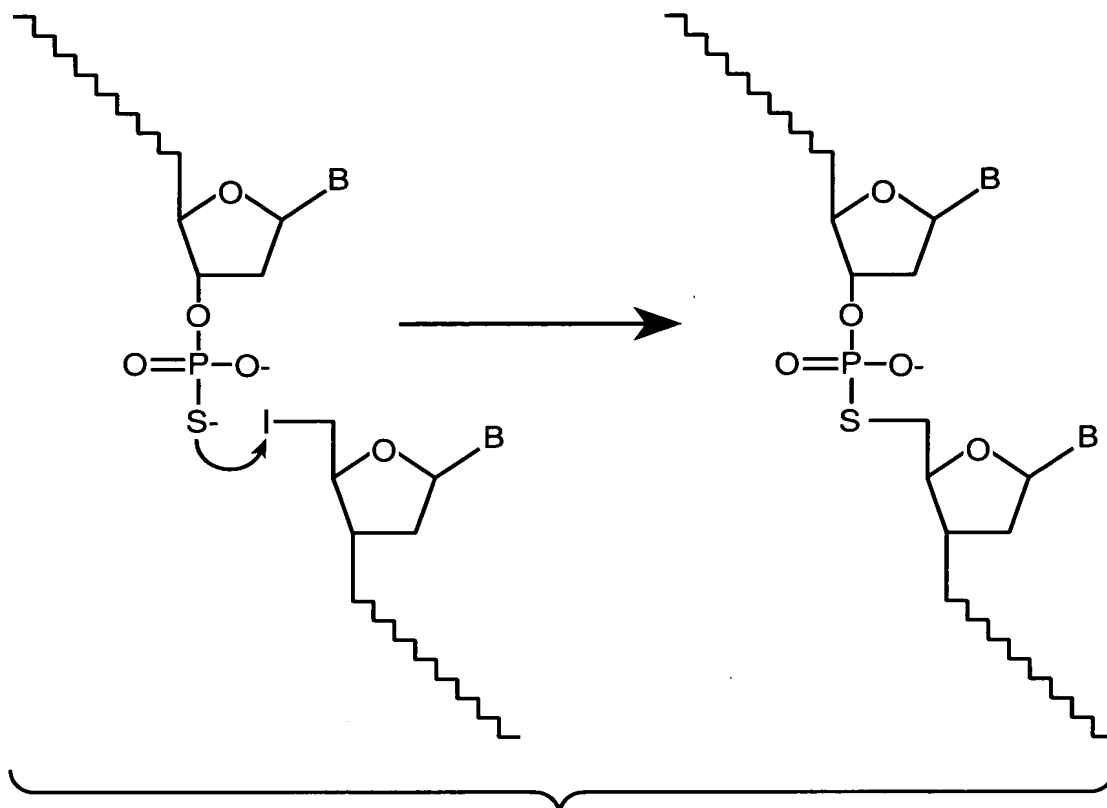
**FIG. 3D**



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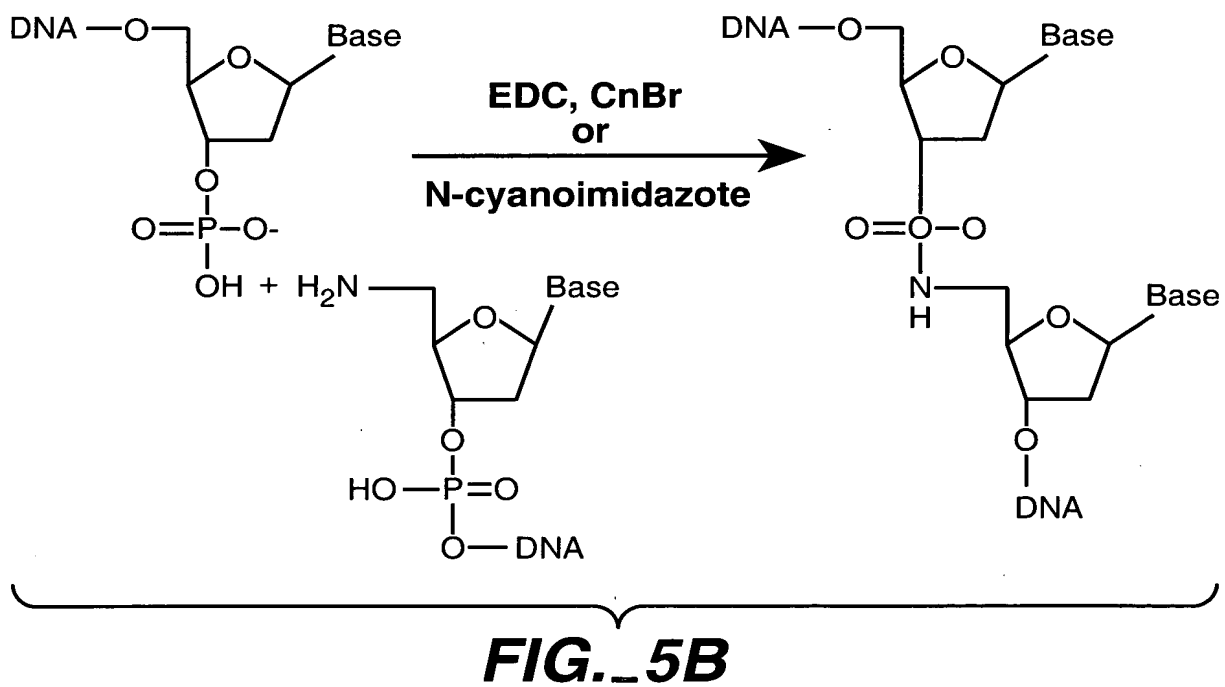
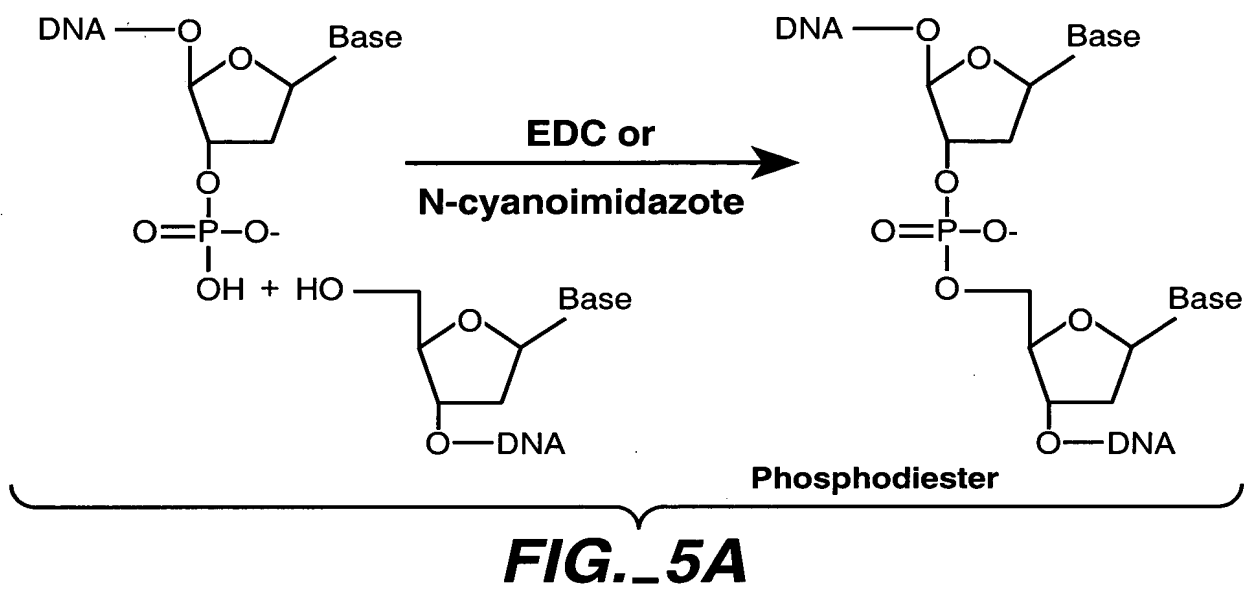
5 / 14

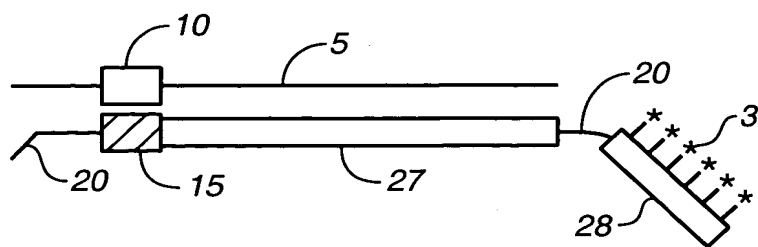
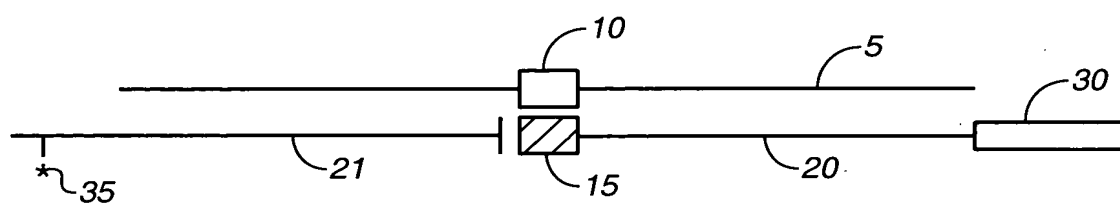
**5' Iodo - 3' Phosphothioate  
Non-enzymatic Ligation**



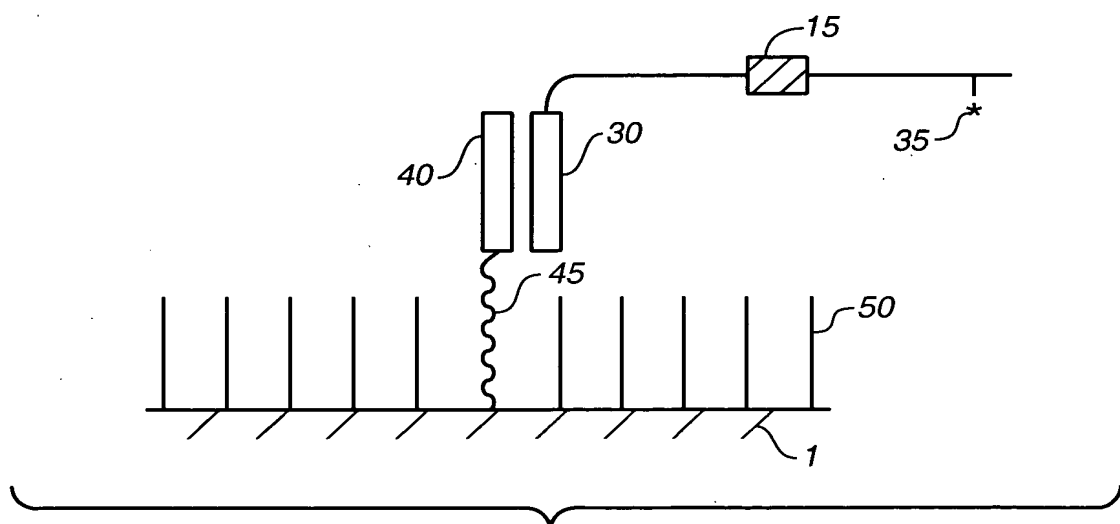
**FIG. 4**

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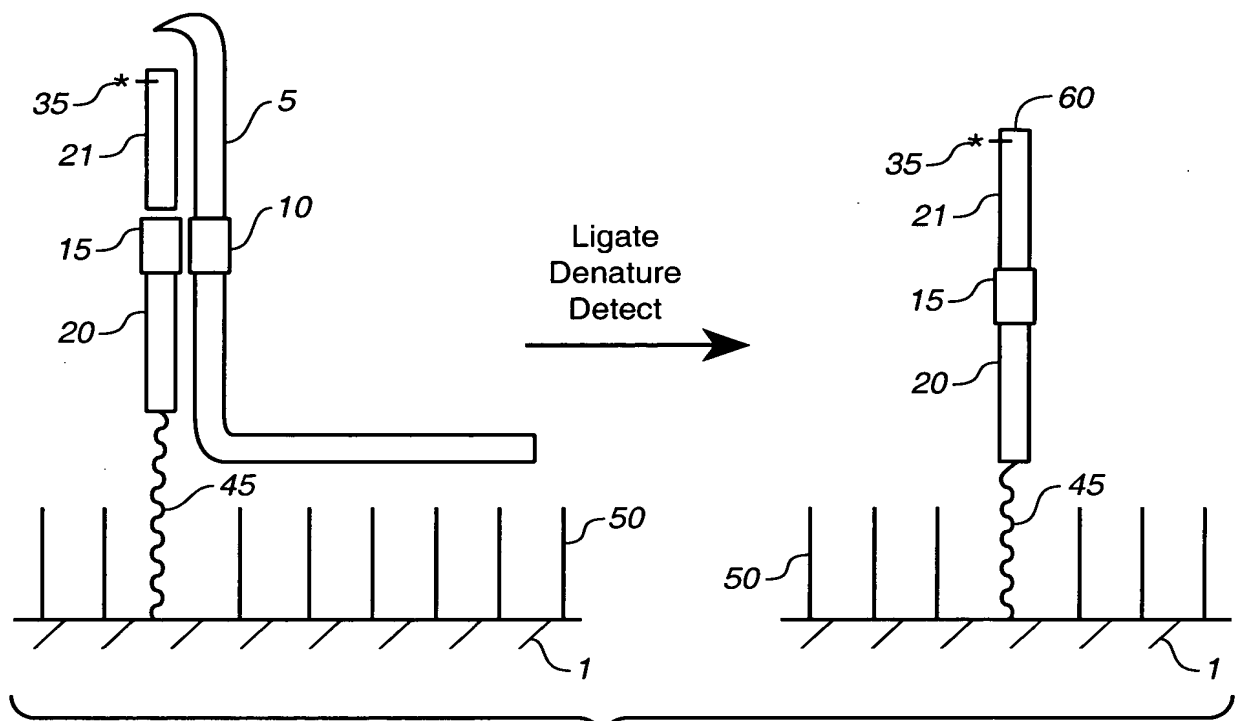
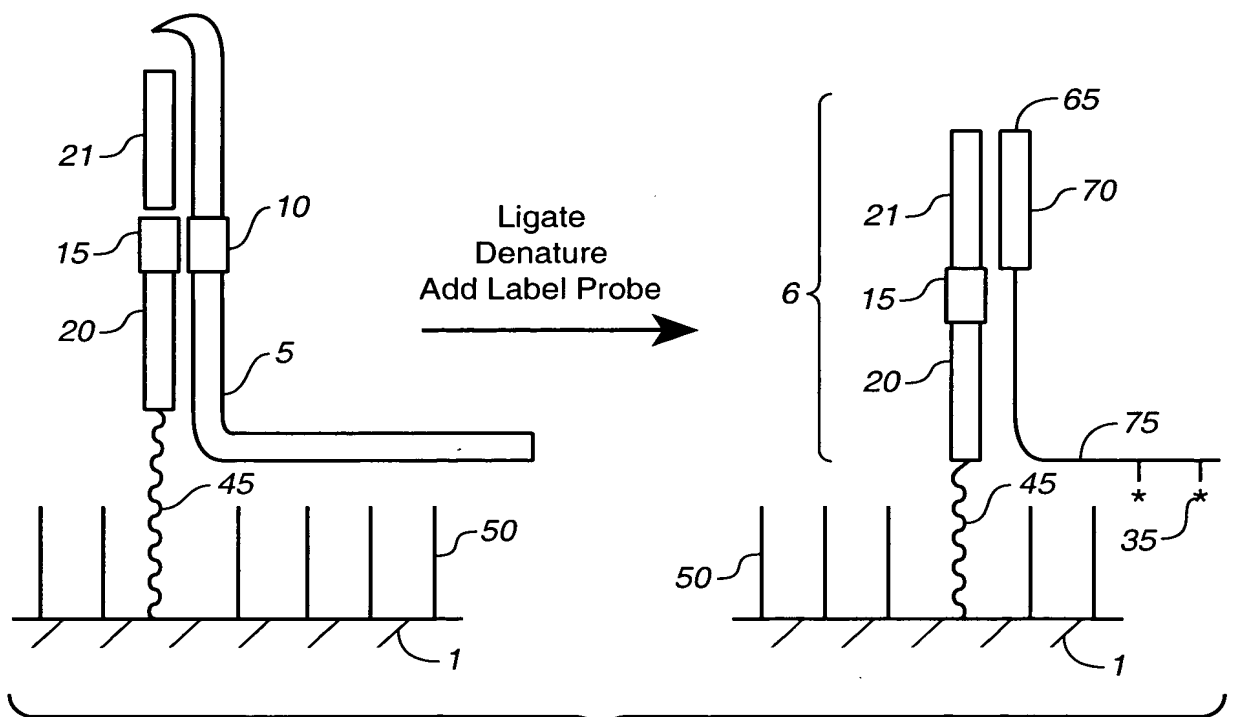
**FIG.\_6**

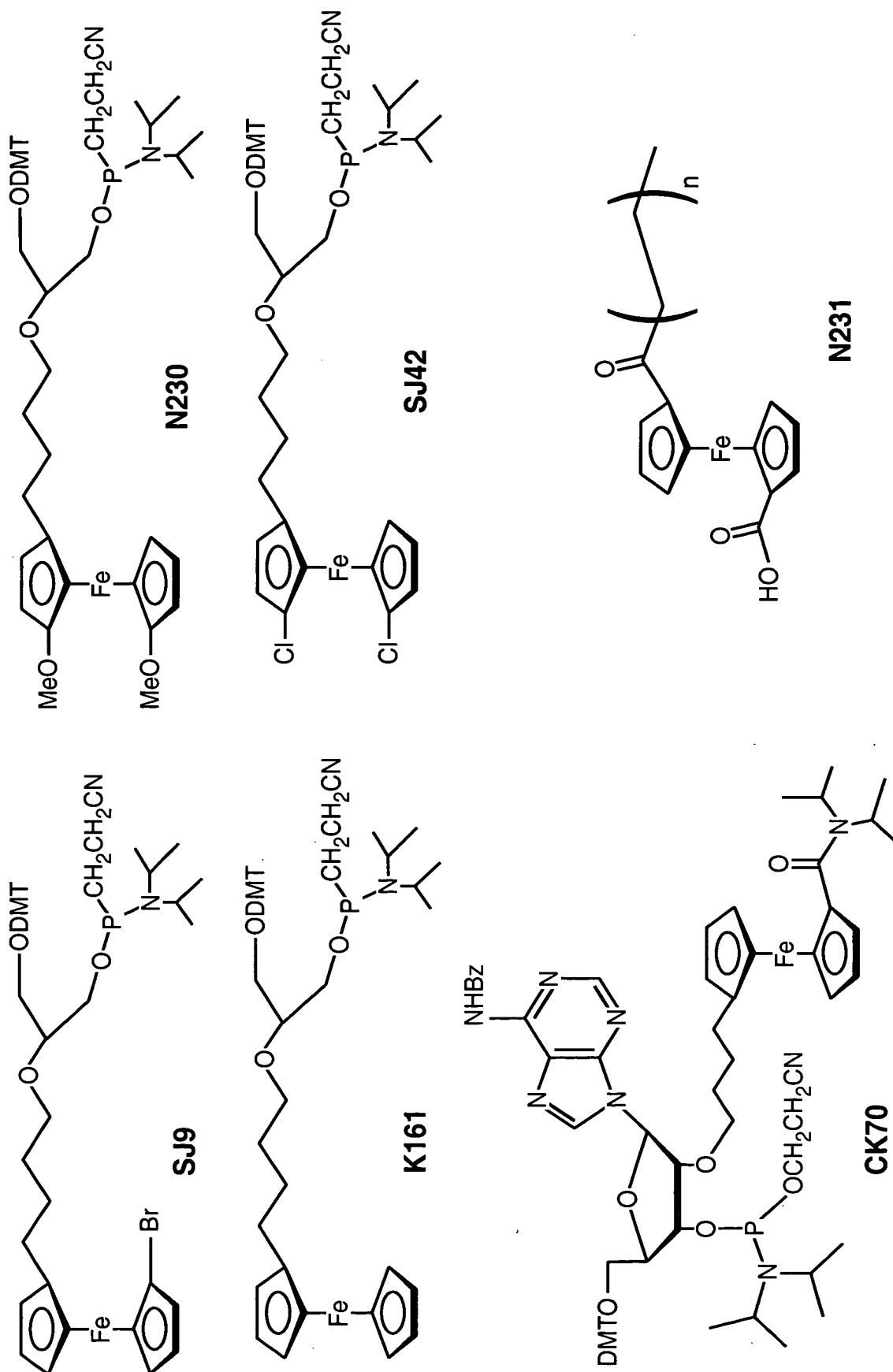
Ligate  
Denature

**FIG.\_7**





**FIG.\_8B****FIG.\_8C**



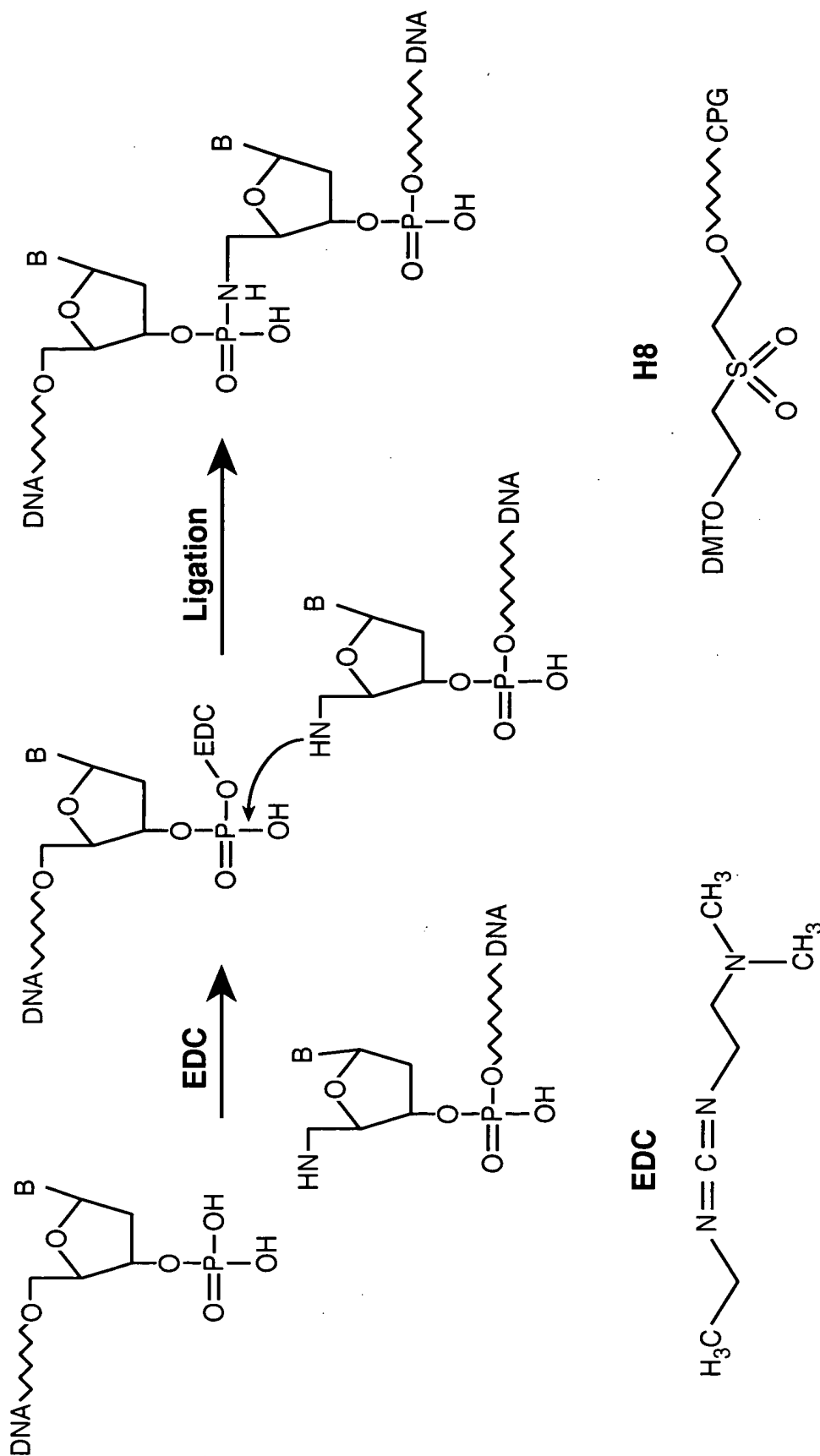
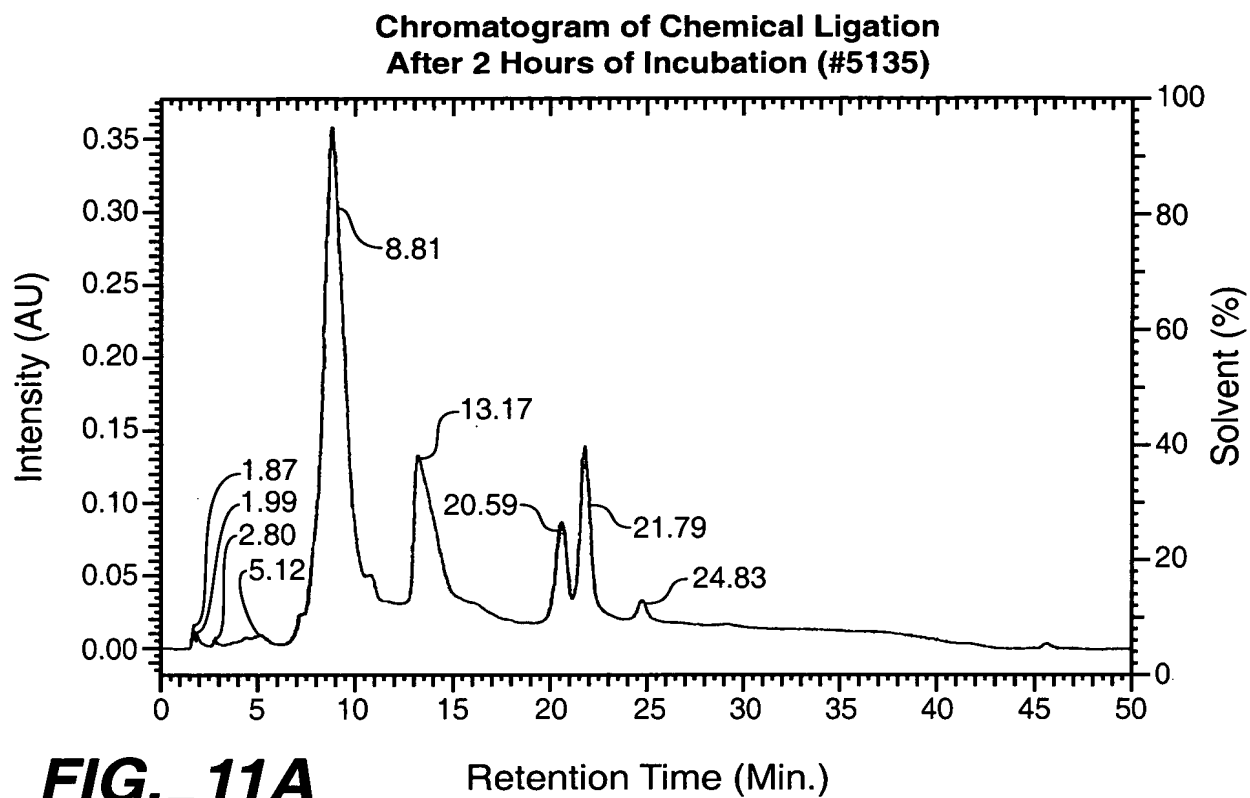
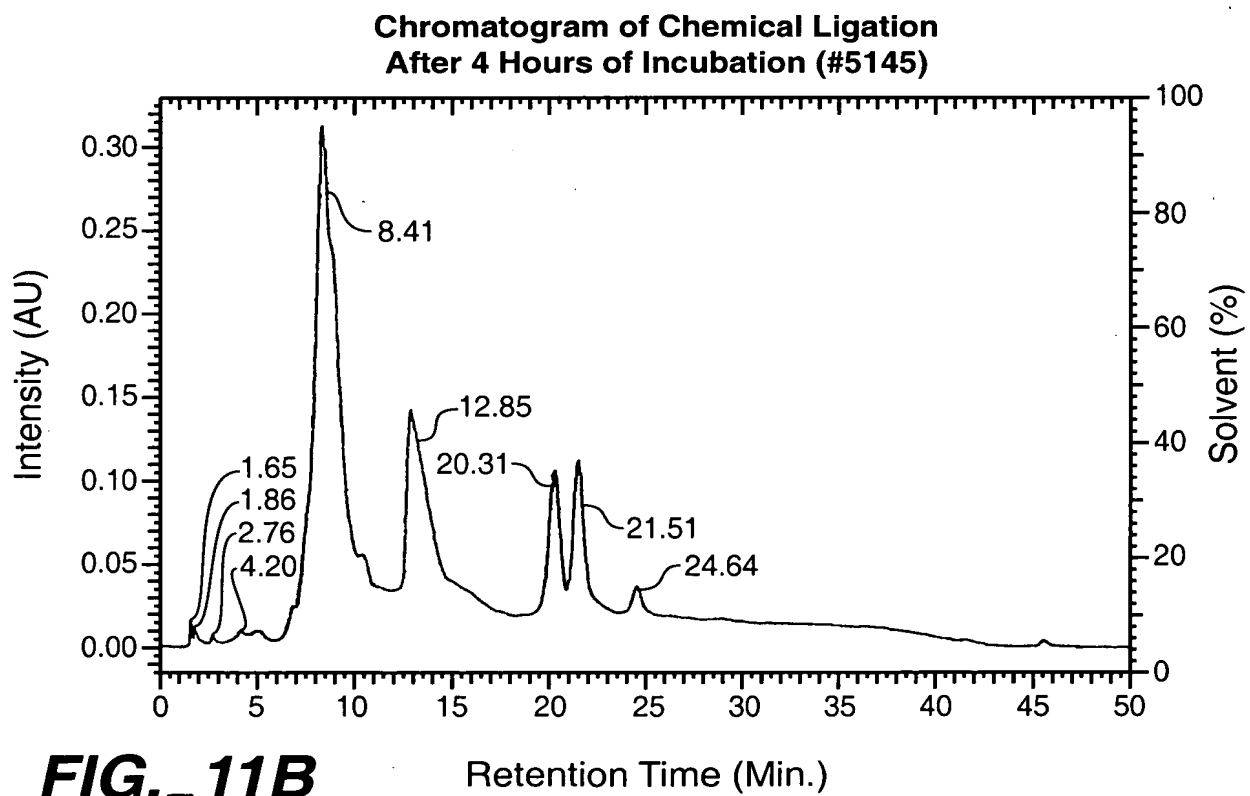
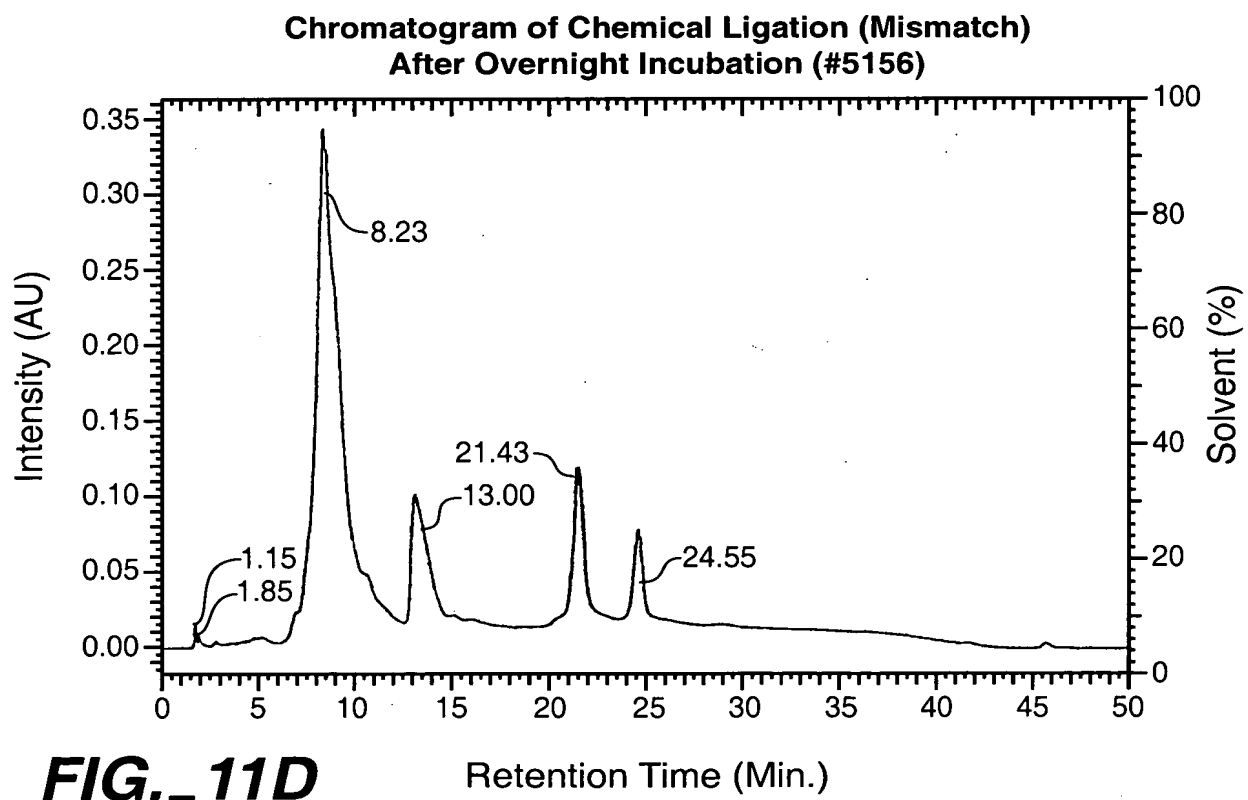
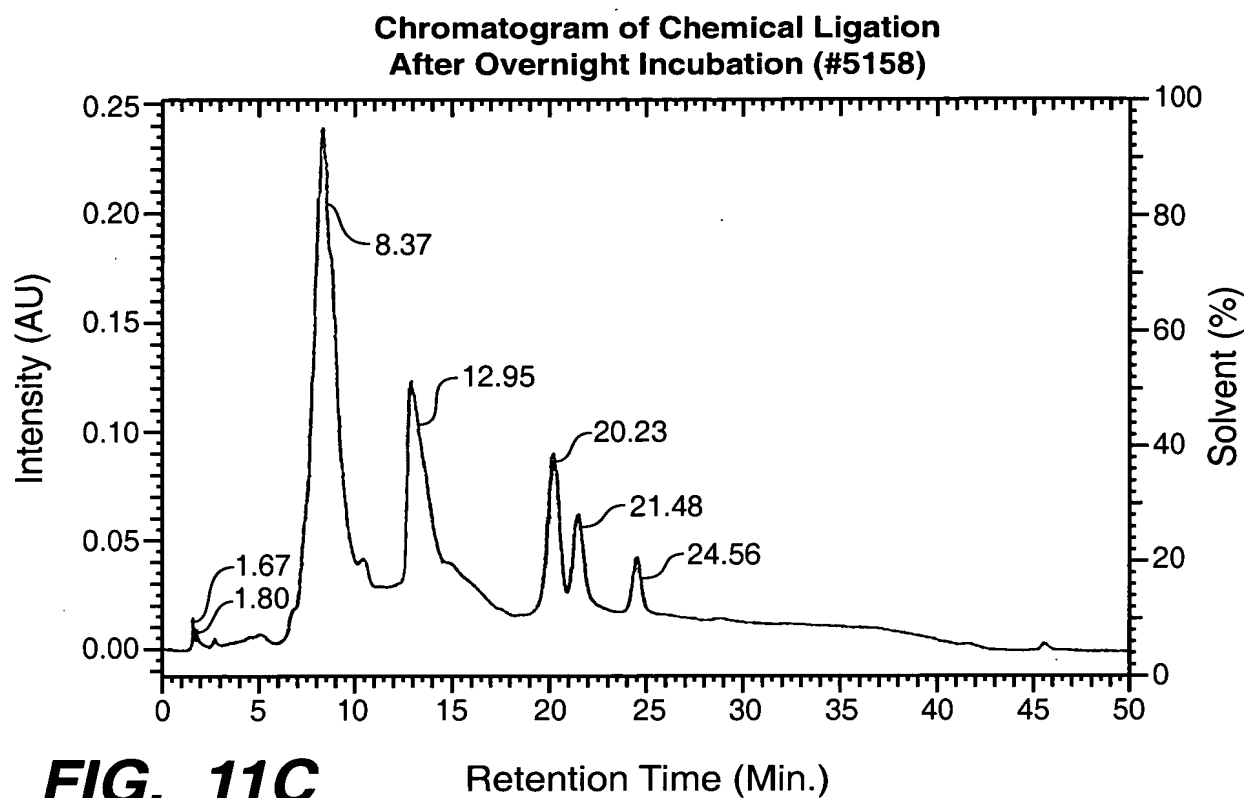
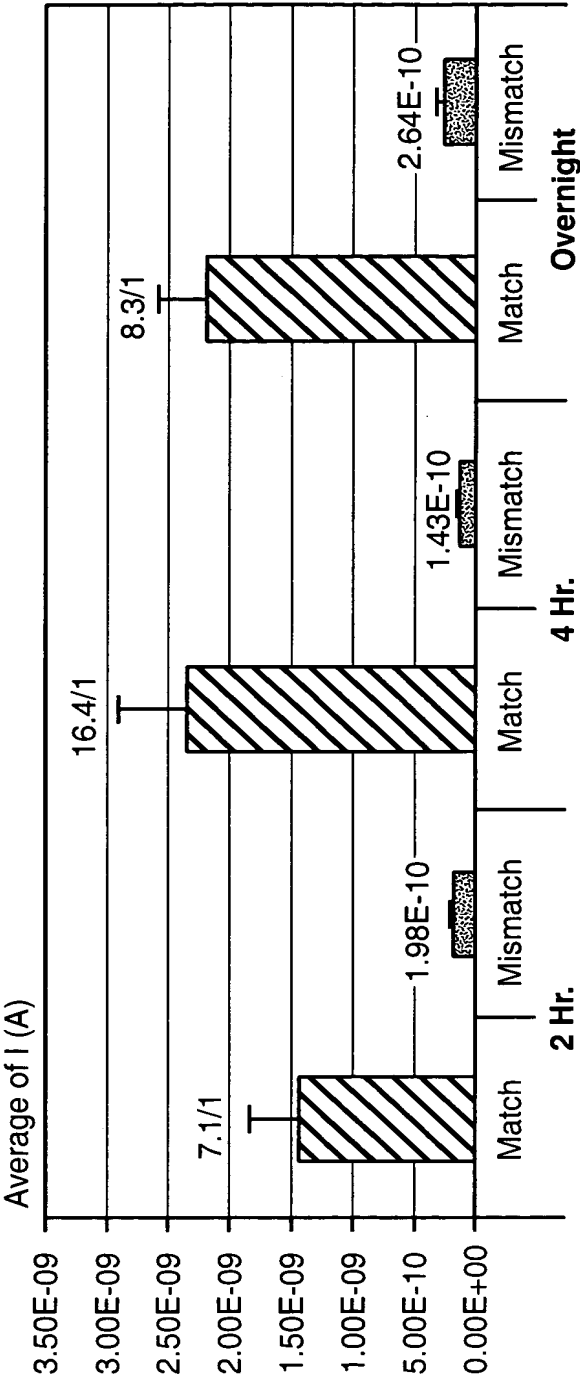


FIG. 10

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**FIG.\_11A****FIG.\_11B**





Ligation Time  
Match/Mismatch

FIG.\_12